

STORAGE AREA NETWORK MANAGEMENT SYSTEM, METHOD, AND COMPUTER-READABLE MEDIUM

ABSTRACT OF THE DISCLOSURE

An integrated management mechanism of a storage area network (SAN) integrates and manages a traditionally dispersed security system from a single source and automates security management in the SAN. The integrated management mechanism integrates and manages the SAN, and is configured so that access relationships of the host computers and the storage devices of the SAN are managed using the integrated management mechanism. An access path on the integrated management mechanism, including a region of the storage devices to which access is attempted from the host computer, the fiber channel adapters used when accessing that storage, and the host bus adapters (HBA) are configured. Based on the access path information configured, the integrated management mechanism establishes respective storage settings, zoning settings, and accessible region permissions for a SAN management mechanism of the host computer, a zoning settings mechanism of the switch, and a storage management mechanism of the storage device.

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